



FIG. 1

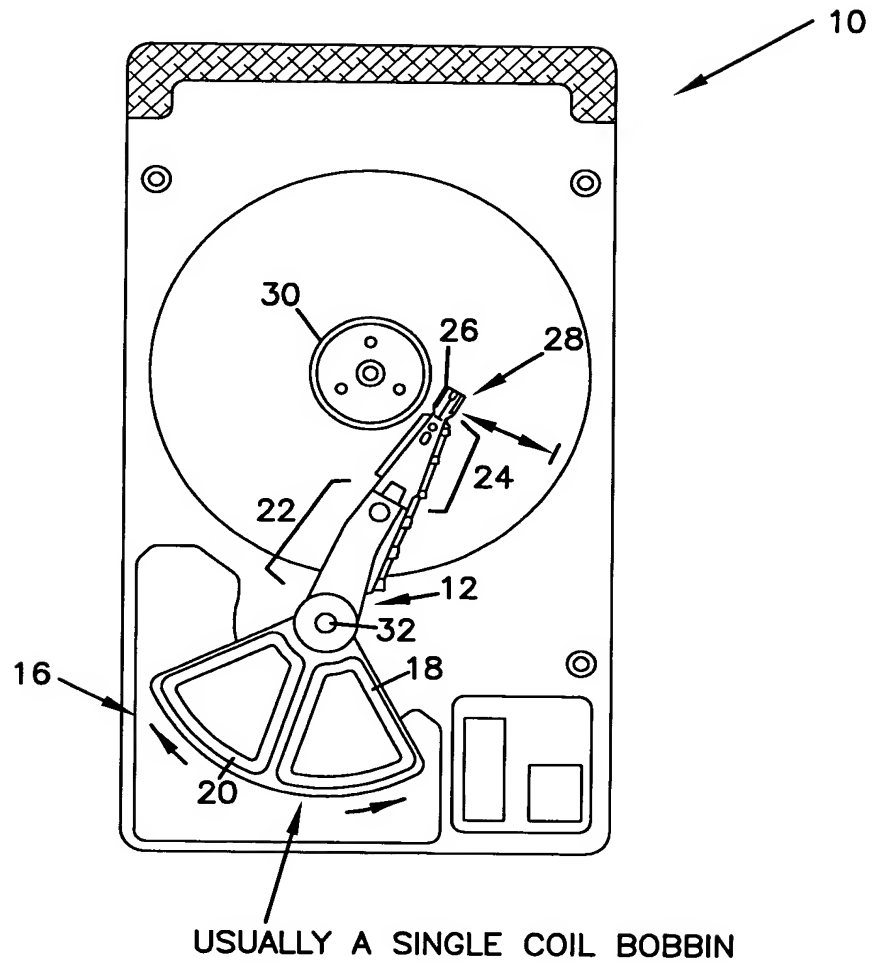


FIG. 2

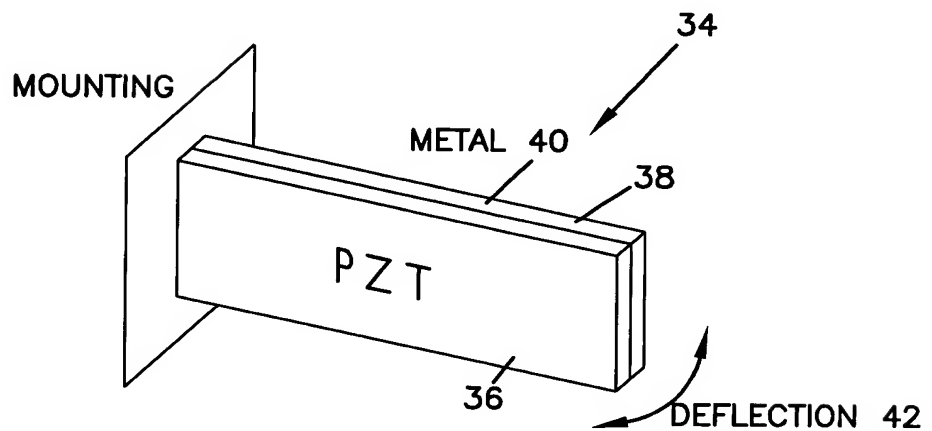




FIG.3

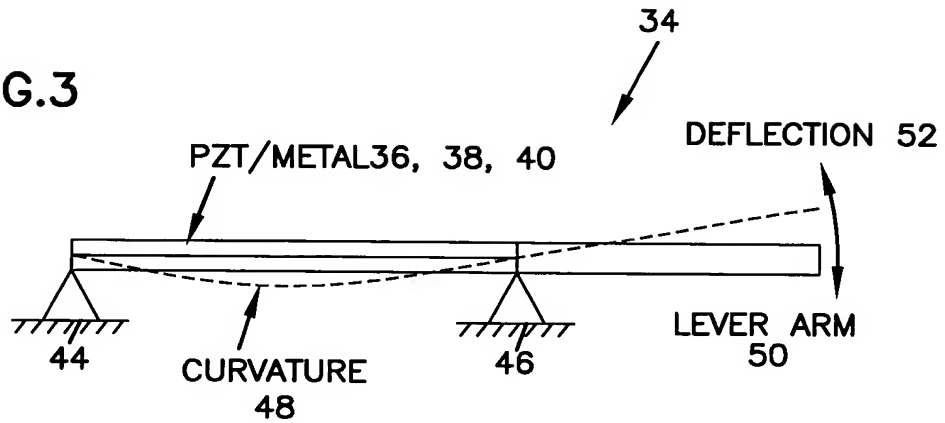


FIG.4

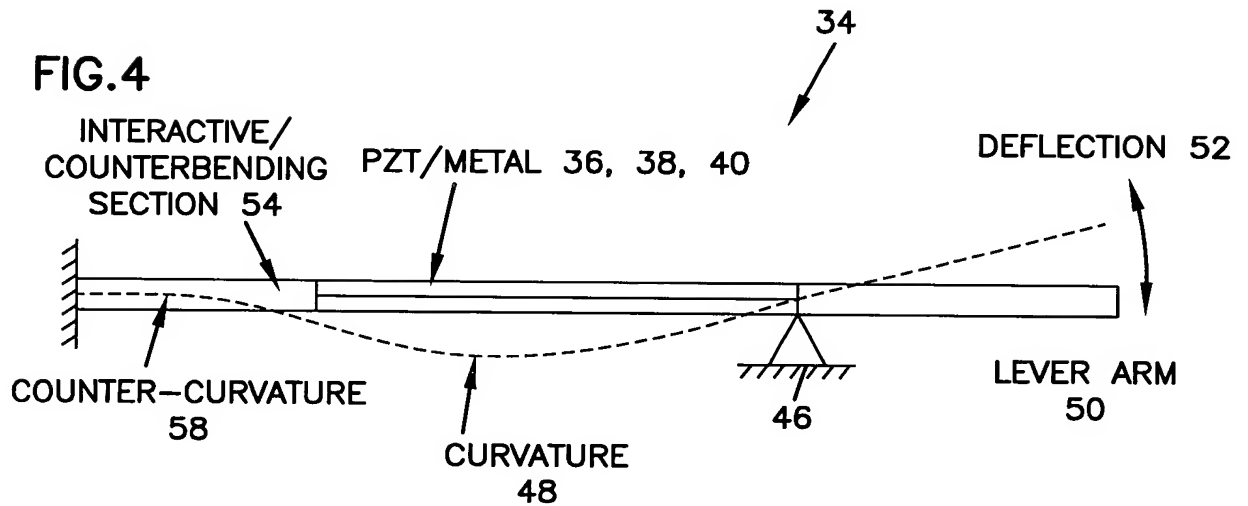
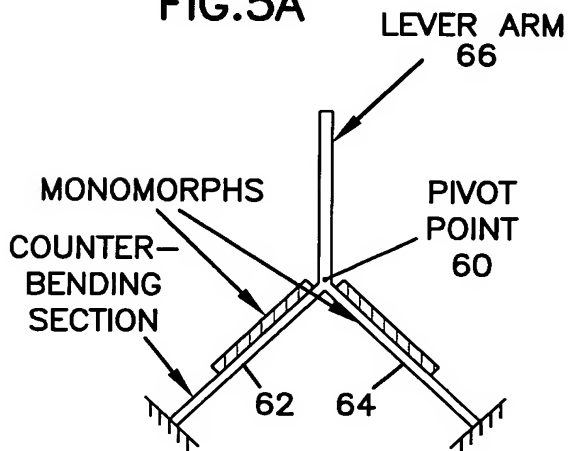
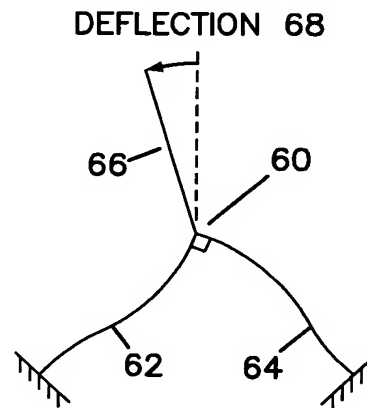


FIG.5A



BASIC STRUCTURE

FIG.5B



DEFORMATION SHAPE



FIG. 6

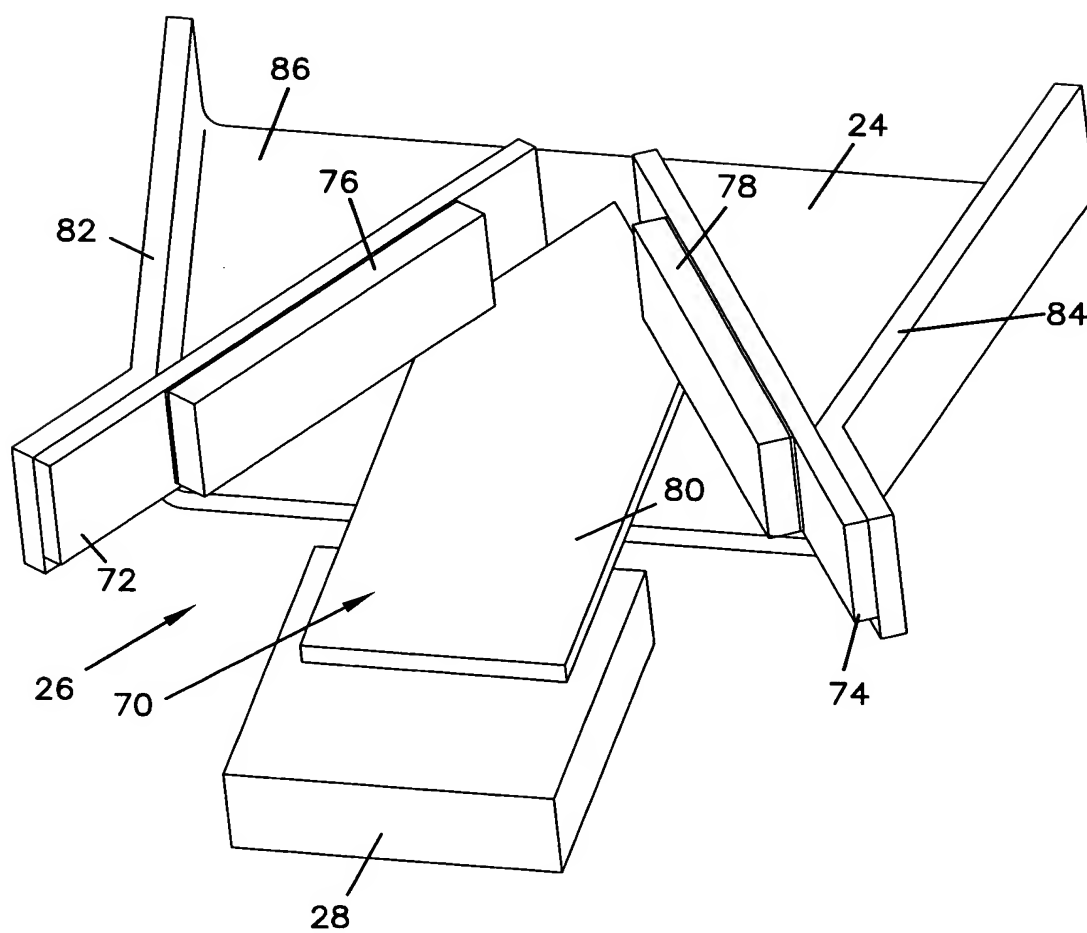




FIG.7

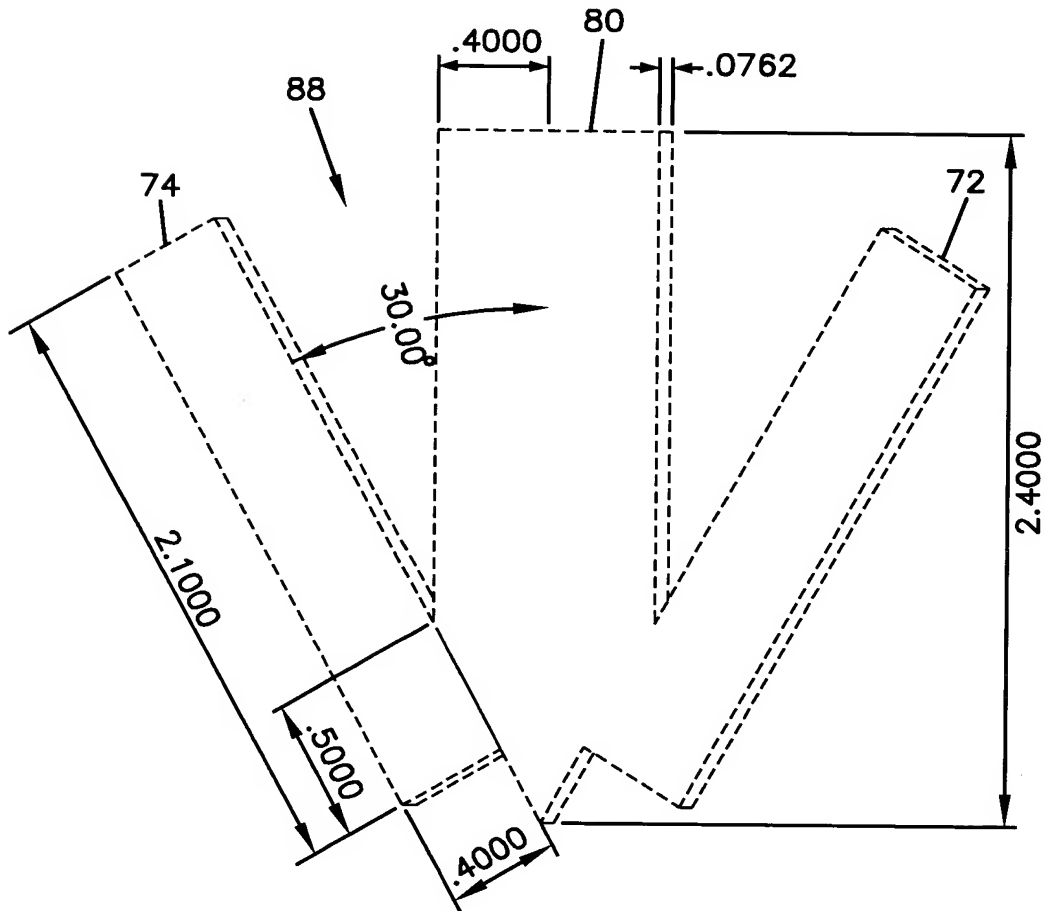




FIG.8

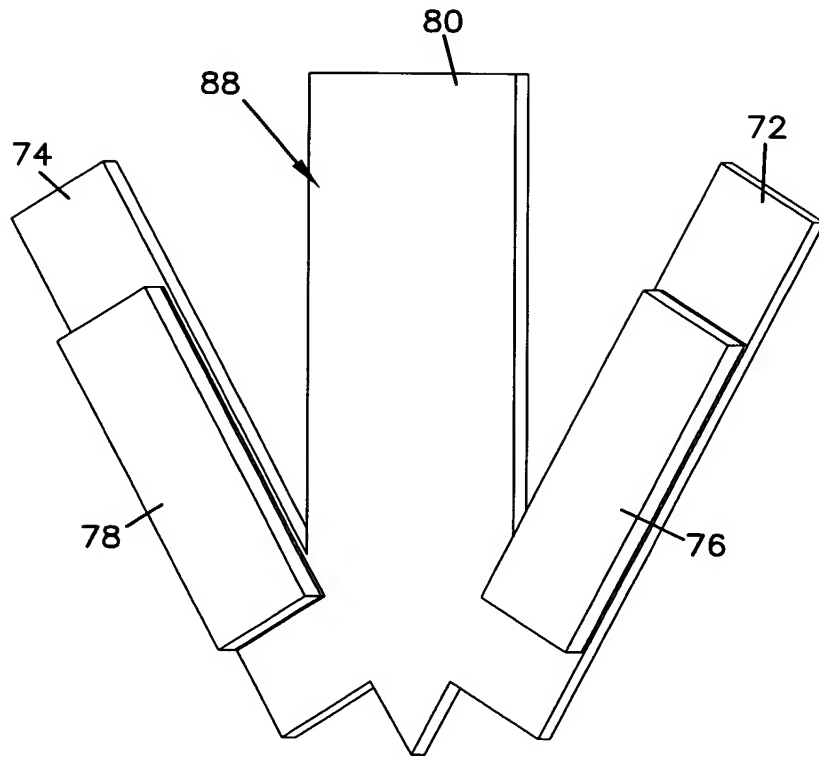


FIG.9

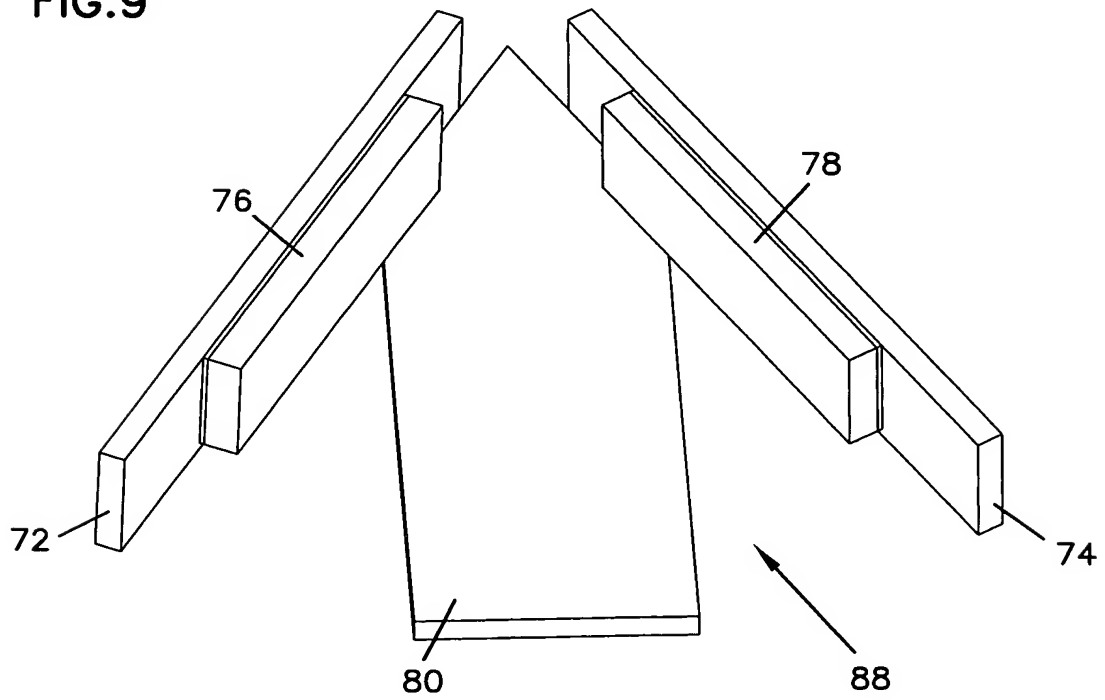




FIG.10

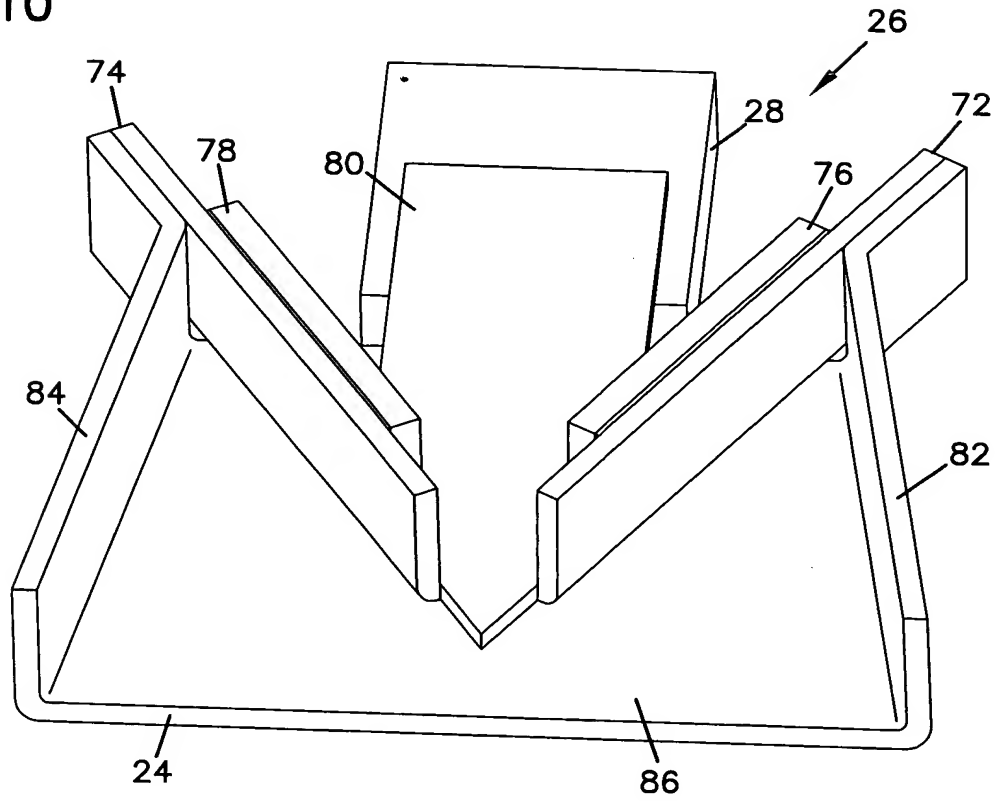


FIG.11

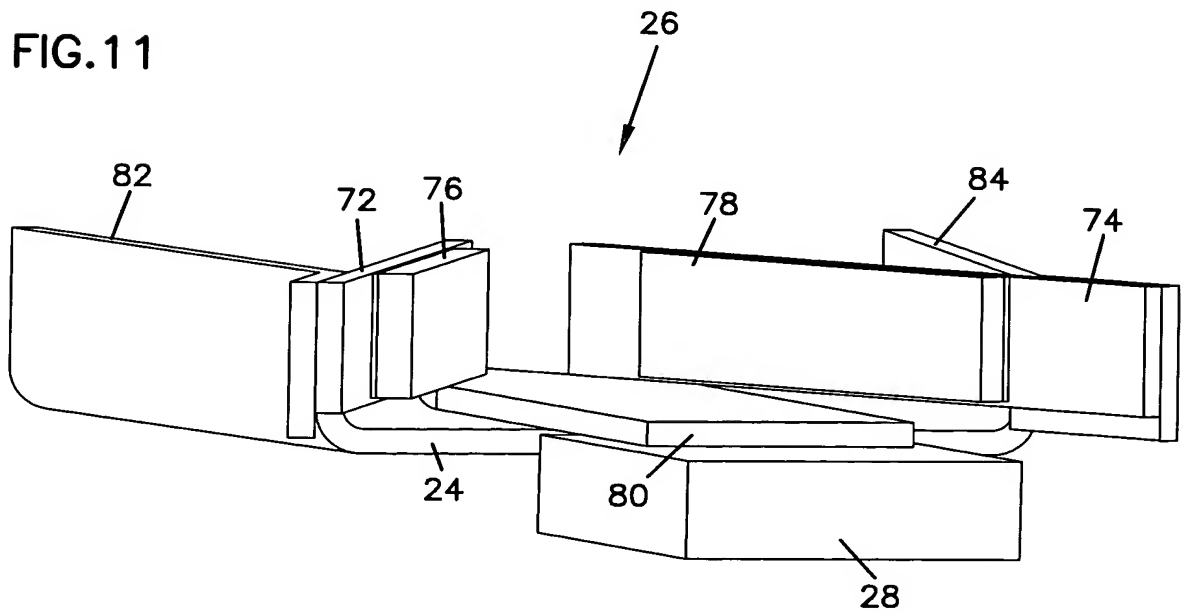




FIG. 12

RESULTS:1-B.C. 1, LOAD 0, DISPLACEMENT\_1  
DISPLACEMENT-MAG MIN:0.00E+00 MAX:5.58E-02  
DEFORMATION:1-B.C. 1, LOAD 0, DISPLACEMENT\_1  
DISPLACEMENT-MAG MIN:0.00E+00 MAX:5.50E-02  
FRAME OF REF: PART

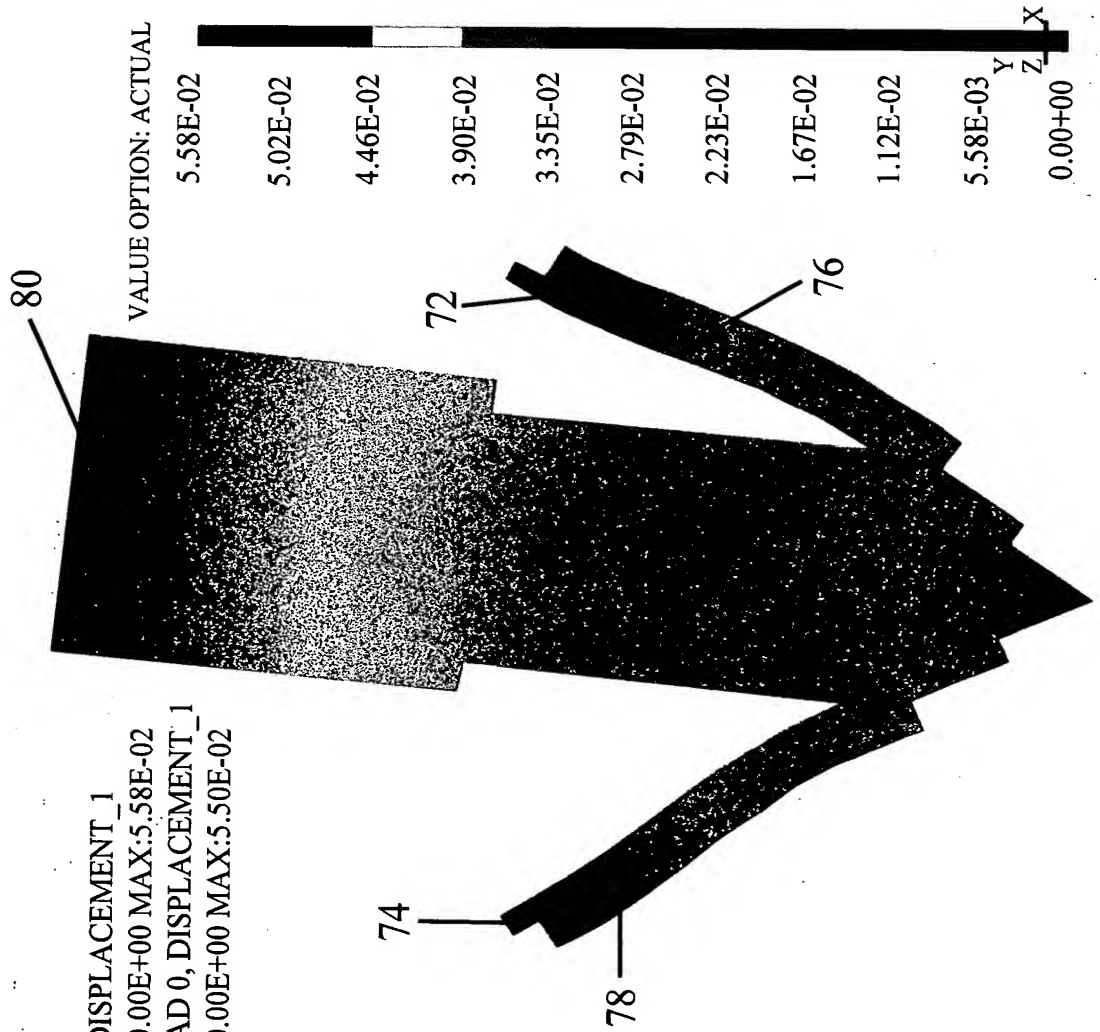




FIG.13

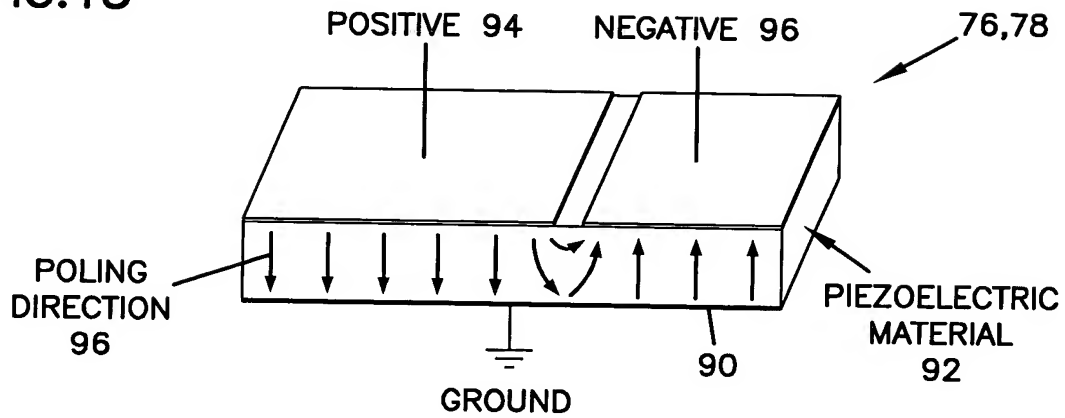


FIG.14

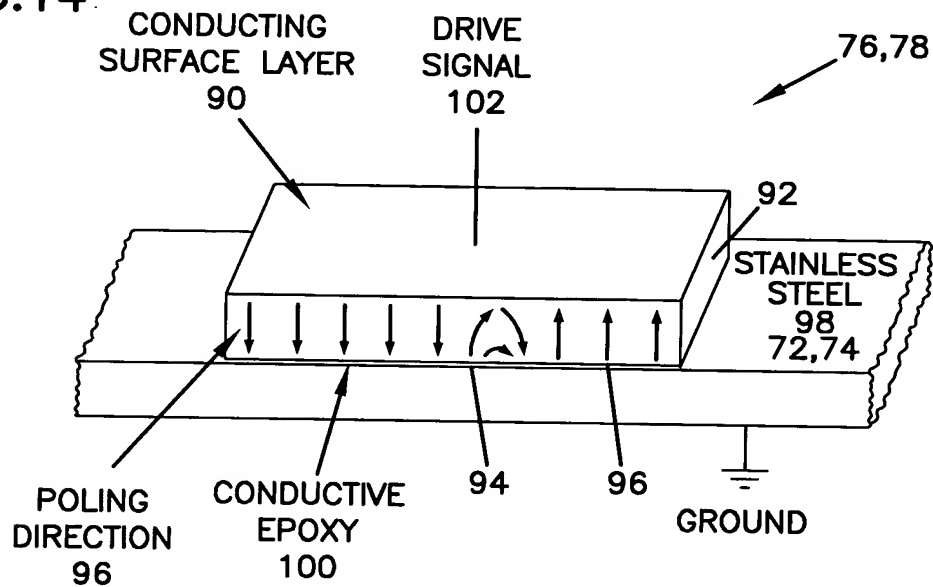
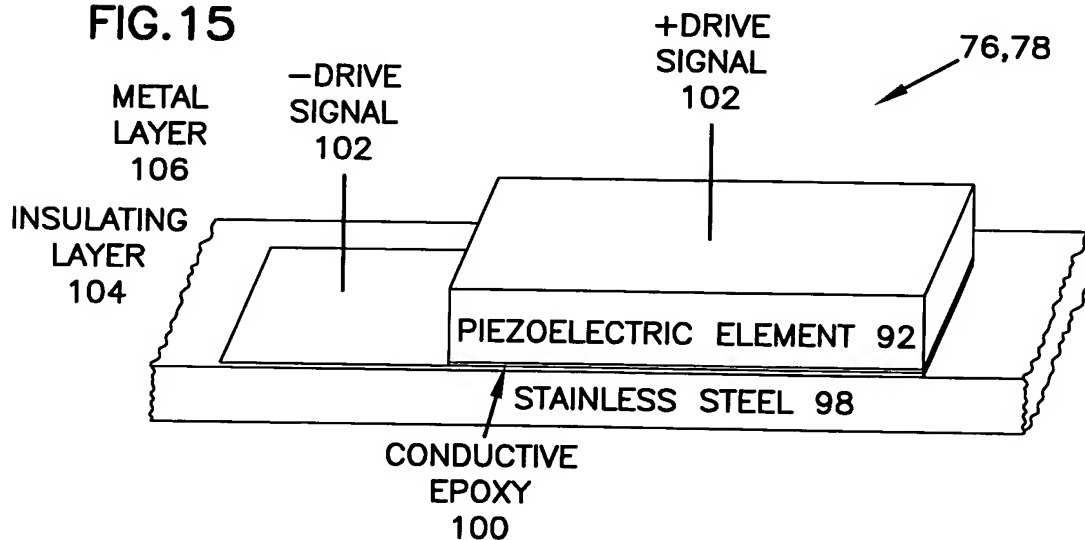


FIG.15







Inventor: Murphy  
Docket No.: 30874.0119USU1  
Title: Suspension-Level Piezoelectric Microactuator  
Serial No.: 10/081393  
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FIG. 16

RESULTS:2-B.C. 2, MODE 1, STRESS\_2  
MODE: 1 FREQ: 9137.90  
STRESS-MAX PRIN MIN:-6.18E+03 MAX:6.09E+04  
DEFORMATION:1-B.C. 2, MODE 1, DISPLACEMENT\_1  
MODE:1 FREQ: 9137.90  
DISPLACEMENT-MAG MIN:0.00E+00 MAX:1.01E+03  
FRAME OF REF: PART

